

Internat Application No PCT/EP 03/14407

A CLASSIFICATION OF SUBJECT MATTER IPC 7 C07K14/005 C07K7/06 C12N15/33 A61K38/08

C07K19/00 A61K38/08 A61K48/00 C12N15/63

C12N15/62

According to International Patent Classification (IPC) or to both national classification and IPC

B. RELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 C07K C12N A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic d	ata base consulted during the international search (name of data	base and, where practical, search terms used)	
	ternal, WPI Data, Sequence Search			
-PQ-111		,,,		
	•			
	ENTS CONSIDERED TO BE RELEVANT			
Category °	Citation of document, with indication, where appropriate, of the	e relevant passages	Relevant to claim No.	
Jaleyory	Original decement, with the end of			
Α	NICKLIN SA ET AL.: "Selective of Gene Transfer to Vascular E	1-35		
	Cells by Use of Peptides Isola			
	Display"			
	CIRCULATION, vol. 102, 2000, pages 231-237,	YPAA228254A		
	the entire document, in partic	ular page		
	231, table 2 and page 235, lef	t-hand		
	column			
		-/		
		•		
X Furt	ther documents are listed in the continuation of box C.	X Patent family members are listed	in annex.	
° Special ca	ategories of cited documents :	"T" later document published after the Int or priority date and not in conflict with	ernational filing date	
"A" docum	ent defining the general state of the art which is not dered to be of particular relevance	or priority date and not in contlict will cited to understand the principle or the invention	neory underlying the	
"E" earlier	document but published on or after the International	"X" document of particular relevance; the	claimed Invention	
filing	uale ent which may throw doubts on priority claim(s) or I is cited to establish the publication date of another	cannot be considered novel or cannot involve an inventive step when the d	ocument is taken alone	
"L" docum	Is cited to establish the publication date of allower	"Y" document of particular relevance; the		
which citatio	on or other special reason (as specified)	cannot be considered to involve an i	nventive step when the	
which citation "O" docum other	on or other special reason (as specified) nent referring to an oral disclosure, use, exhibition or means	document is combined with one or ments, such combination being obvi	iore other such docu-	
which citation of their other "P" docum	on or other special reason (as specified) nent referring to an oral disclosure, use, exhibition or	document is combined with one or m	tore other such docu- ous to a person skilled	
which citation "O" docum other "P" docum later t	on or other special reason (as specified) lent referring to an oral disclosure, use, exhibition or means lent published prior to the international filing date but	document is combined with one or ments, such combination being obvi in the art.	ore other such docu- ous to a person skilled t family	
which citatic citatic "O" docum other "P" docum later to the Date of the	on or other special reason (as specified) lent referring to an oral disclosure, use, exhibition or means lent published prior to the international filing date but than the priority date claimed actual completion of the international search	document is combined with one or ments, such combination being obvi in the art. "&" document member of the same paten Date of mailing of the international se	ore other such docu- ous to a person skilled t family	
which citatic "O" docum other "P" docum later to the Date of the	on or other special reason (as specified) lent referring to an oral disclosure, use, exhibition or means ent published prior to the international filing date but than the priority date claimed	document is combined with one or ments, such combination being obviin the art. "&" document member of the same paten Date of mailing of the international se	ore other súch docu- ous to a person skilled t tamily arch report	
which citatic "O" docum other "P" docum later to Date of the	on or other special reason (as specified) nent referring to an oral disclosure, use, exhibition or means tent published prior to the international filing date but than the priority date claimed actual completion of the international search 28 May 2004 mailing address of the ISA	document is combined with one or ments, such combination being obvi in the art. "&" document member of the same paten Date of mailing of the international se	ore other súch docu- ous to a person skilled t tamily arch report	
which citatic docum other "P" docum later to Date of the	on or other special reason (as specified) nent referring to an oral disclosure, use, exhibition or means tent published prior to the international filing date but than the priority date claimed actual completion of the international search 28 May 2004	document is combined with one or ments, such combination being obviin the art. "&" document member of the same paten Date of mailing of the international se	ore other súch docu- ous to a person skilled t tamily arch report	



Internation Application No
PCT/EP 03/14407

		PC1/EP 03/1440/
C.(Continua	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WHITE SJ ET AL: "Identification of peptides that target the endothelial cell-specific LOX-1 receptor" HYPERTENSION, vol. 37, no. 2, February 2001 (2001-02), pages 449-455, XP002959152 ISSN: 0194-911X the entire document, in particular page 449, page 452 (table) and discussion	1-35
A	WO 00/73478 A (SHAYAKHMETOV DMITRY; FARRAR DENISE (US); LIEBER ANDRE (US); UNIV WASH) 7 December 2000 (2000-12-07) page 6	1-35
P,A	US 2003/149235 A1 (BAKER ANDREW HOWARD ET AL) 7 August 2003 (2003-08-07) the whole document	1-35



INTERNATIONAL SEARCH REPORT

Intermonal application No. PCT/EP 03/14407

Box I	Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)
This Inte	rnational Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1. X	Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely: Although claim 35 is directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2.	Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
з. 🗌	Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box II	Observations where unity of invention is lacking (Continuation of item 2 of first sheet)
This Inte	emational Searching Authority found multiple inventions in this international application, as follows:
	see additional sheet
1.	As all required additional search fees were timely paid by the applicant, this international Search Report covers all searchable claims.
2.	As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3.	As only some of the required additional search fees were timely paid by the applicant, this international Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. X	No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the Invention first mentioned in the claims; it is covered by claims Nos.: 1-35 (all partially)
Remar	The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.

Continuation of Box I.1

Although claim 35 is directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-35 (all partially)

peptide consisting of SEQ ID NO:1, amino acids 1-8, 2-9 or 2-8 of said sequence, conjugate, viral vecor, nucleic acid, fusion protein, pharmaceutical composition comprising it and its method

2. claims: 1-35 (all partially)

peptide consisting of SEQ ID NO:2, amino acids 1-8, 2-9 or 2-8 of said sequence, conjugate, viral vecor, nucleic acid, fusion protein, pharmaceutical composition comprising it and its method

3. claims: 1-35 (all partially)

peptide consisting of SEQ ID NO:3, amino acids 1-8, 2-9 or 2-8 of said sequence, conjugate, viral vecor, nucleic acid, fusion protein, pharmaceutical composition comprising it and its method

4. claims: 1-35 (all partially)

peptide consisting of SEQ ID NO:4, amino acids 1-8, 2-9 or 2-8 of said sequence, conjugate, viral vecor, nucleic acid, fusion protein, pharmaceutical composition comprising it and its method

5. claims: 1-35 (all partially)

peptide consisting of SEQ ID NO:5, amino acids 1-8, 2-9 or 2-8 of said sequence, conjugate, viral vecor, nucleic acid, fusion protein, pharmaceutical composition comprising it and its method

6. claims: 1-35 (all partially)

peptide consisting of SEQ ID NO:6, amino acids 1-8, 2-9 or 2-8 of said sequence, conjugate, viral vecor, nucleic acid, fusion protein, pharmaceutical composition comprising it and its method

7. claims: 1,3-35 (all partially)



peptide consisting of SEQ ID NO:7, amino acids 1-8, 2-9 or 2-8 of said sequence, conjugate, viral vecor, nucleic acid, fusion protein, pharmaceutical composition comprising it and its method

8. claims: 1,3-35 (all partially)

peptide consisting of SEQ ID NO:8, amino acids 1-8, 2-9 or 2-8 of said sequence, conjugate, viral vecor, nucleic acid, fusion protein, pharmaceutical composition comprising it and its method

9. claims: 1,3-35 (all partially)

peptide consisting of SEQ ID NO:9, amino acids 1-8, 2-9 or 2-8 of said sequence, conjugate, viral vecor, nucleic acid, fusion protein, pharmaceutical composition comprising it and its method

10. claims: 1,3-35 (all partially)

peptide consisting of SEQ ID NO:10, amino acids 1-8, 2-9 or 2-8 of said sequence, conjugate, viral vecor, nucleic acid, fusion protein, pharmaceutical composition comprising it and its method

11. claims: 1,3-35 (all partially)

peptide consisting of SEQ ID NO:11, amino acids 1-8, 2-9 or 2-8 of said sequence, conjugate, viral vecor, nucleic acid, fusion protein, pharmaceutical composition comprising it and its method

12. claims: 1.3-35 (all partially)

peptide consisting of SEQ ID NO:12, amino acids 1-8, 2-9 or 2-8 of said sequence, conjugate, viral vecor, nucleic acid, fusion protein, pharmaceutical composition comprising it and its method

13. claims: 1,3-35 (all partially)

peptide consisting of SEQ ID NO:13, amino acids 1-8, 2-9 or 2-8 of said sequence, conjugate, viral vecor, nucleic acid, fusion protein, pharmaceutical composition comprising it and its method

14. claims: 1,3-35 (all partially)



peptide consisting of SEQ ID NO:14, amino acids 1-8, 2-9 or 2-8 of said sequence, conjugate, viral vecor, nucleic acid, fusion protein, pharmaceutical composition comprising it and its method

15. claims: 1,3-35 (all partially)

peptide consisting of SEQ ID NO:15, amino acids 1-8, 2-9 or 2-8 of said sequence, conjugate, viral vecor, nucleic acid, fusion protein, pharmaceutical composition comprising it and its method

16. claims: 1,3-35 (all partially)

peptide consisting of SEQ ID NO:16, amino acids 1-8, 2-9 or 2-8 of said sequence, conjugate, viral vecor, nucleic acid, fusion protein, pharmaceutical composition comprising it and its method

17. claims: 1,3-35 (all partially)

peptide consisting of SEQ ID NO:17, amino acids 1-8, 2-9 or 2-8 of said sequence, conjugate, viral vecor, nucleic acid, fusion protein, pharmaceutical composition comprising it and its method

18. claims: 1,3-35 (all partially)

peptide consisting of SEQ ID NO:18, amino acids 1-8, 2-9 or 2-8 of said sequence, conjugate, viral vecor, nucleic acid, fusion protein, pharmaceutical composition comprising it and its method

19. claims: 1,3-35 (all partially)

peptide consisting of SEQ ID NO:19, amino acids 1-8, 2-9 or 2-8 of said sequence, conjugate, viral vecor, nucleic acid, fusion protein, pharmaceutical composition comprising it and its method

20. claims: 1,3-35 (all partially)

peptide consisting of SEQ ID NO:20, amino acids 1-8, 2-9 or 2-8 of said sequence, conjugate, viral vecor, nucleic acid, fusion protein, pharmaceutical composition comprising it and its method

21. claims: 1,3-35 (all partially)

peptide consisting of SEQ ID NO:21, amino acids 1-8, 2-9 or 2-8 of said sequence, conjugate, viral vecor, nucleic acid, fusion protein, pharmaceutical composition comprising it and its method

22. claims: 1,3-35 (all partially)

peptide consisting of SEQ ID NO:22, amino acids 1-8, 2-9 or 2-8 of said sequence, conjugate, viral vecor, nucleic acid, fusion protein, pharmaceutical composition comprising it and its method

23. claims: 1,3-35 (all partially)

peptide consisting of SEQ ID NO:23, amino acids 1-8, 2-9 or 2-8 of said sequence, conjugate, viral vecor, nucleic acid, fusion protein, pharmaceutical composition comprising it and its method

24. claims: 1,3-35 (all partially)

peptide consisting of SEQ ID NO:24, amino acids 1-8, 2-9 or 2-8 of said sequence, conjugate, viral vecor, nucleic acid, fusion protein, pharmaceutical composition comprising it and its method

25. claims: 1,3-35 (all partially)

peptide consisting of SEQ ID NO:25, amino acids 1-8, 2-9 or 2-8 of said sequence, conjugate, viral vecor, nucleic acid, fusion protein, pharmaceutical composition comprising it and its method

26. claims: 1,3-35 (all partially)

peptide consisting of SEQ ID NO:26, amino acids 1-8, 2-9 or 2-8 of said sequence, conjugate, viral vecor, nucleic acid, fusion protein, pharmaceutical composition comprising it and its method

27. claims: 1,3-35 (all partially)

peptide consisting of SEQ ID NO:27, amino acids 1-8, 2-9 or 2-8 of said sequence, conjugate, viral vecor, nucleic acid, fusion protein, pharmaceutical composition comprising it and its method



28. claims: 1,3-35 (all partially)

peptide consisting of SEQ ID NO:28, amino acids 1-8, 2-9 or 2-8 of said sequence, conjugate, viral vecor, nucleic acid, fusion protein, pharmaceutical composition comprising it and its method

29. claims: 1,3-35 (all partially)

peptide consisting of SEQ ID NO:29, amino acids 1-8, 2-9 or 2-8 of said sequence, conjugate, viral vecor, nucleic acid, fusion protein, pharmaceutical composition comprising it and its method

30. claims: 1,3-35 (all partially)

peptide consisting of SEQ ID NO:30, amino acids 1-8, 2-9 or 2-8 of said sequence, conjugate, viral vecor, nucleic acid, fusion protein, pharmaceutical composition comprising it and its method

31. claims: 1,3-35 (all partially)

peptide consisting of SEQ ID NO:31, amino acids 1-8, 2-9 or 2-8 of said sequence, conjugate, viral vecor, nucleic acid, fusion protein, pharmaceutical composition comprising it and its method

32. claims: 1,3-35 (all partially)

peptide consisting of SEQ ID NO:32, amino acids 1-8, 2-9 or 2-8 of said sequence, conjugate, viral vecor, nucleic acid, fusion protein, pharmaceutical composition comprising it and its method

33. claims: 1,3-35 (all partially)

peptide consisting of SEQ ID NO:33, amino acids 1-8, 2-9 or 2-8 of said sequence, conjugate, viral vecor, nucleic acid, fusion protein, pharmaceutical composition comprising it and its method

34. claims: 1,3-35 (all partially)

peptide consisting of SEQ ID NO:34, amino acids 1-8, 2-9 or 2-8 of said sequence, conjugate, viral vecor, nucleic acid, fusion protein, pharmaceutical composition comprising it and its method

35. claims: 1,3-35 (all partially)

peptide consisting of SEQ ID NO:35, amino acids 1-8, 2-9 or 2-8 of said sequence, conjugate, viral vecor, nucleic acid, fusion protein, pharmaceutical composition comprising it and its method

36. claims: 1,3-35 (all partially)

peptide consisting of SEQ ID NO:36, amino acids 1-8, 2-9 or 2-8 of said sequence, conjugate, viral vecor, nucleic acid, fusion protein, pharmaceutical composition comprising it and its method

37. claims: 1,3-35 (all partially)

peptide consisting of SEQ ID NO:37, amino acids 1-8, 2-9 or 2-8 of said sequence, conjugate, viral vecor, nucleic acid, fusion protein, pharmaceutical composition comprising it and its method

38. claims: 1-35 (all partially)

peptide consisting of SEQ ID NO:44, amino acids 1-8, 2-9 or 2-8 of said sequence, conjugate, viral vecor, nucleic acid, fusion protein, pharmaceutical composition comprising it and its method



Internal Application No PCT/EP 03/14407

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
WO 0073478	A	97-12-2000	AU EP JP WO	5464000 A 1181382 A2 2003501041 T 0073478 A2	18-12-2000 27-02-2002 14-01-2003 07-12-2000
US 2003149235	A1	07-08-2003	NONE		